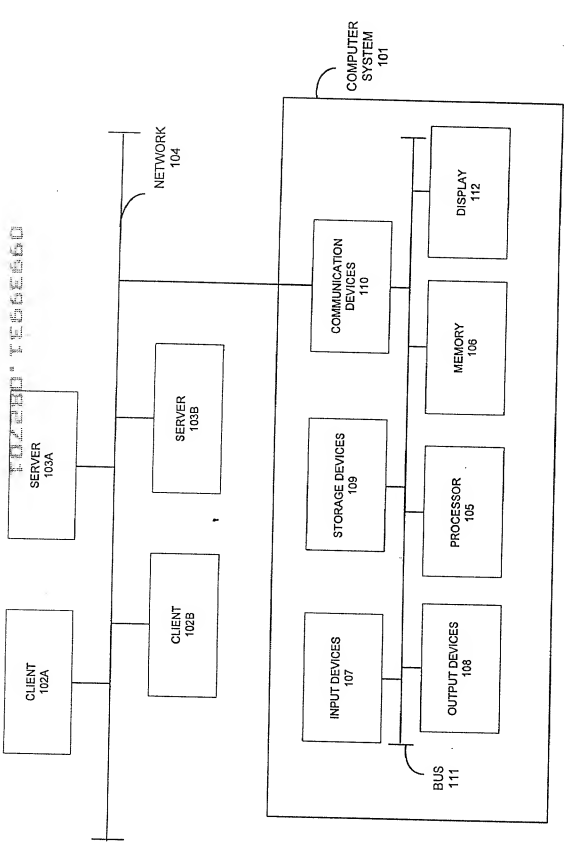

COMPUTER SYSTEM 101
NETWORK 104
CLIENT 102A
CLIENT 102B
SERVER 103A
SERVER 103B
INPUT DEVICES 107
OUTPUT DEVICES 108
STORAGE DEVICES 109
PROCESSOR 105
COMMUNICATION DEVICES 110
MEMORY 106
DISPLAY 112
BUS 111

FIGURE 1

Docket No.: C00988/70003 RJP
Title: Method and System for Synchronizing and Serving Multimedia...
Inventor(s): Hackney et al.

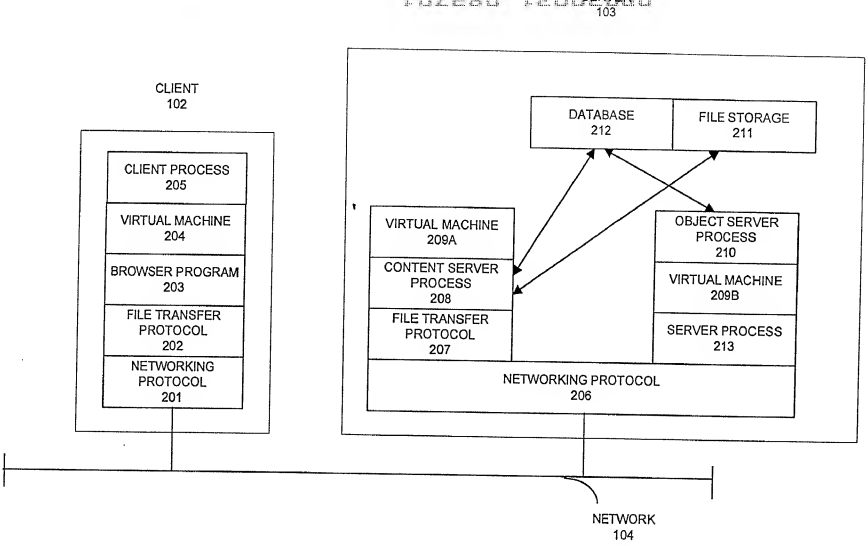


FIGURE 2

TD4280 TE66E66D

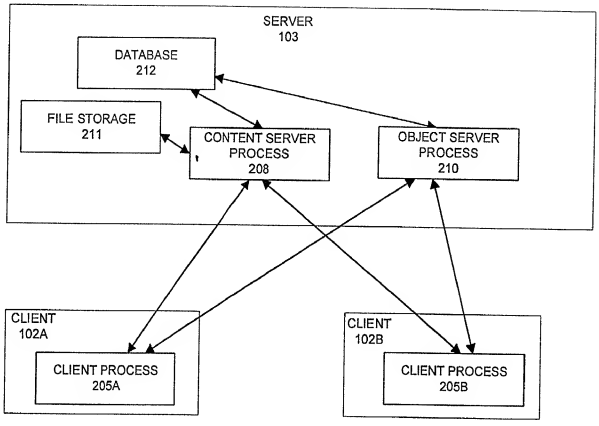


FIGURE 3A

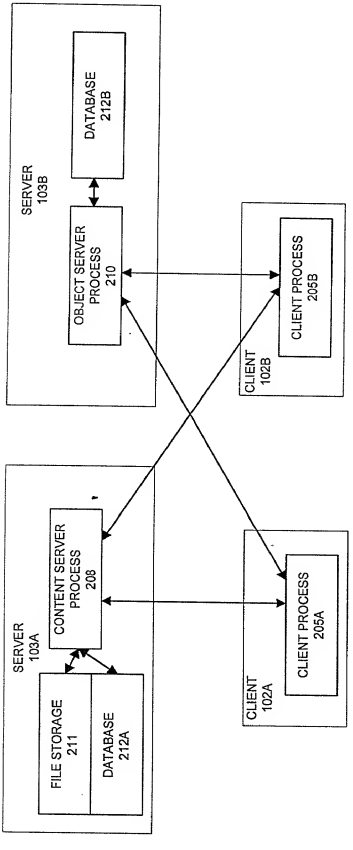

SERVER
103A
FILE STORAGE
211
DATABASE
212A
CONTENT SERVER
PROCESS
208
CLIENT
102A
CLIENT PROCESS
205A
SERVER
103B
DATABASE
212B
OBJECT SERVER
PROCESS
210
CLIENT
102B
CLIENT PROCESS
205B

FIGURE 3B

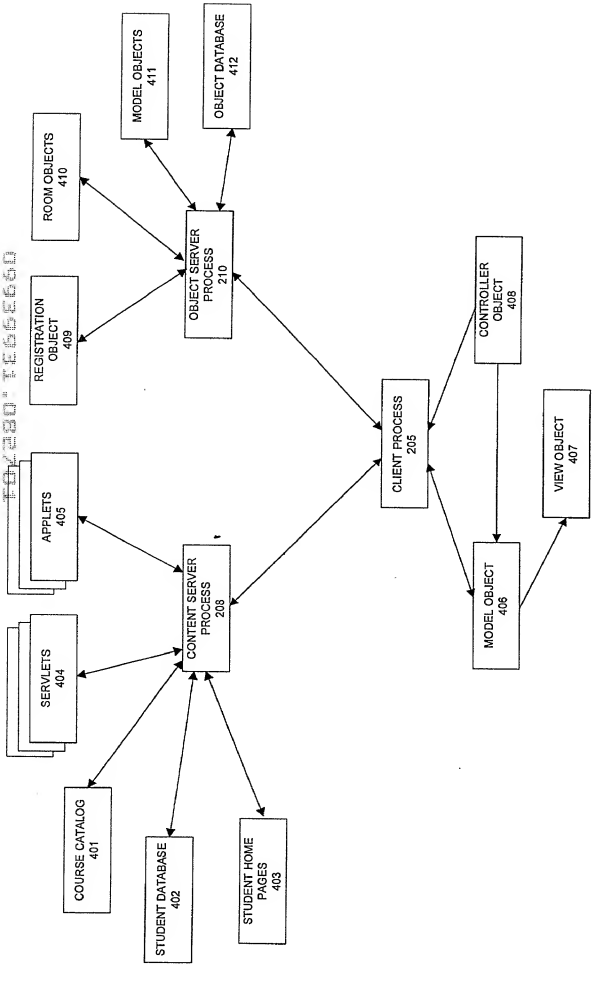

COURSE CATALOG 401
STUDENT DATABASE 402
STUDENT HOME PAGES 403
SERVLETS 404
APPLETS 405
CONTENT SERVER PROCESS 208
REGISTRATION OBJECT 409
ROOM OBJECTS 410
MODEL OBJECTS 411
OBJECT DATABASE 412
OBJECT SERVER PROCESS 210
CLIENT PROCESS 205
CONTROLLER OBJECT 408
VIEW OBJECT 407
MODEL OBJECT 406

FIGURE 4A

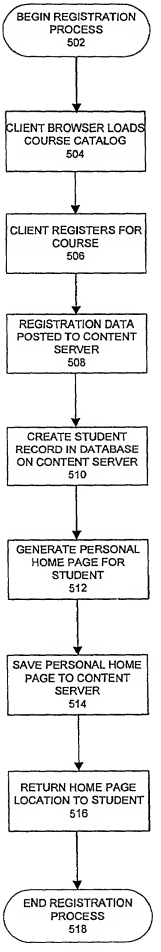
SERVER
103
REGISTRATION
OBJECT
409
SERVER MODEL
OBJECT
410
CLIENT
102A
CLIENT MODEL
OBJECT
406A
CLIENT CONTROLLER
OBJECT
408A
CLIENT VIEW OBJECT
407A
CLIENT INPUT
(KEYBOARD, MOUSE)
USER INTERFACE
OUTPUT
CLIENT
102B
CLIENT MODEL
OBJECT
406B
CLIENT CONTROLLER
OBJECT
408B
CLIENT VIEW OBJECT
407B
USER INTERFACE
OUTPUT

FIGURE 4B

SERVER 103
SERVER MODEL OBJECT 410A
SERVER MODEL OBJECT 410B
SERVER MODEL OBJECT 410C
ROOM OBJECT 430A
ROOM OBJECT 430B
CONFERENCE OBJECT 431
EVENTS
CLIENT 102
CLIENT VIEW OBJECT 407A
CLIENT CONTROLLER OBJECT 408A
CLIENT MODEL OBJECT 406A
CLIENT MODEL OBJECT 408B
ROOM OBJECT 441A
USER INTERFACE OUTPUT
CLIENT INPUT (KEYBOARD, MOUSE)

FIGURE 4C

10720-1266550



REGISTRATION PROCESS 500

FIGURE 5

TO/280-T2006650

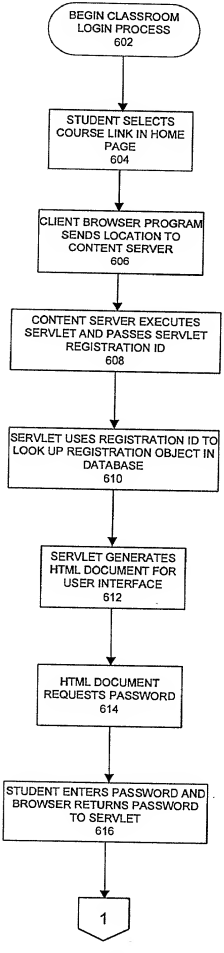


FIGURE 6A

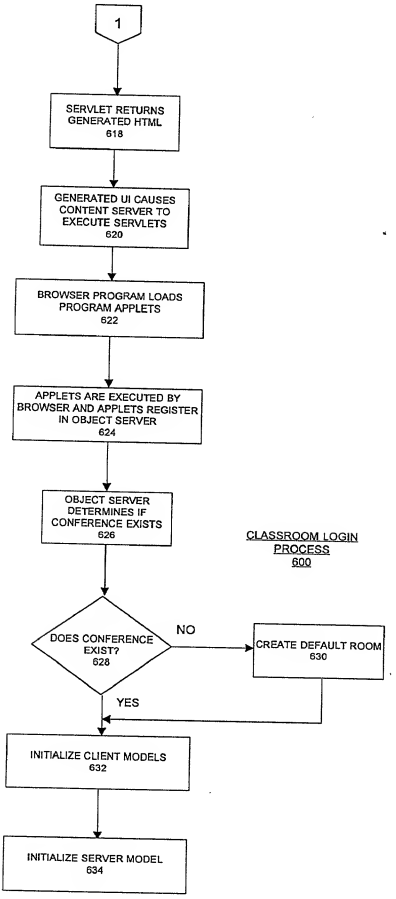
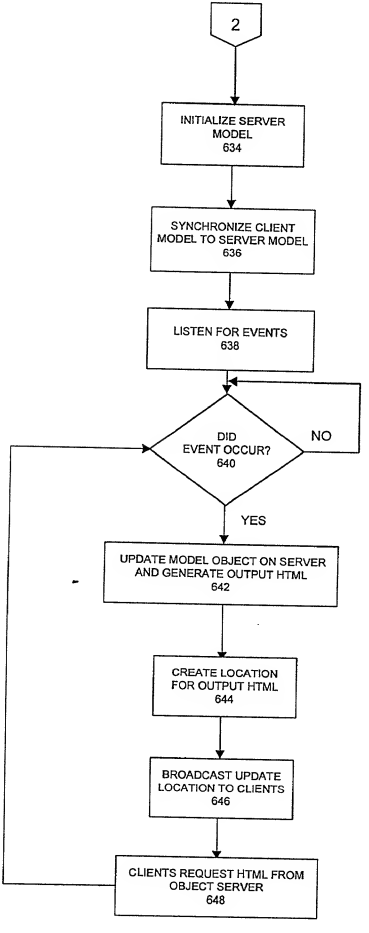


FIGURE 6B

D0C3D3E1-0882D1

11/2001 15:55:25 PM



CLASSROOM LOGIN PROCESS 600

FIGURE 6C

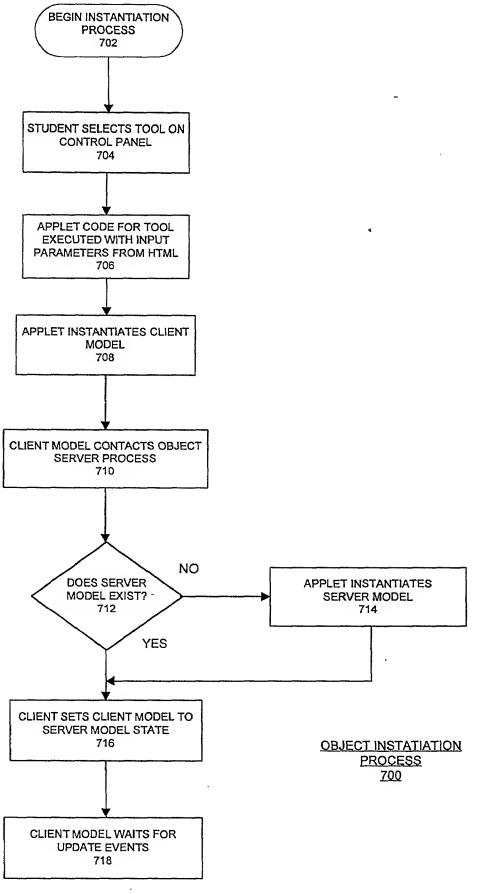

BEGIN INSTANTIATION PROCESS 702
STUDENT SELECTS TOOL ON CONTROL PANEL 704
APPLET CODE FOR TOOL EXECUTED WITH INPUT PARAMETERS FROM HTML 706
APPLET INSTANTIATES CLIENT MODEL 708
CLIENT MODEL CONTACTS OBJECT SERVER PROCESS 710
DOES SERVER MODEL EXIST? 712
NO
APPLET INSTANTIATES SERVER MODEL 714
YES
CLIENT SETS CLIENT MODEL TO SERVER MODEL STATE 716
CLIENT MODEL WAITS FOR UPDATE EVENTS 718
OBJECT INSTATIATION PROCESS 700

FIGURE 7

10/2801-1E66E660

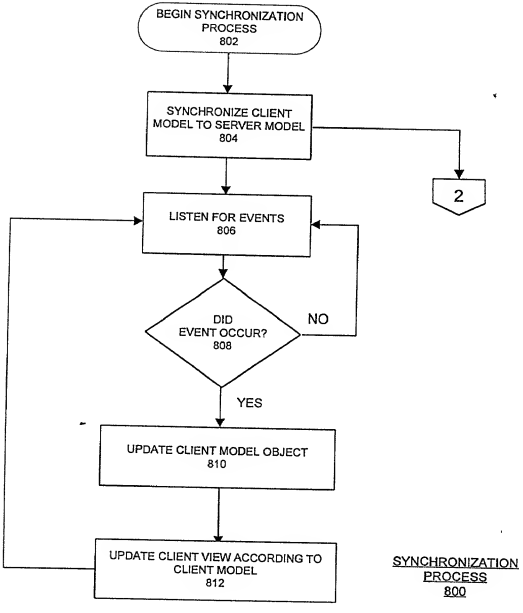


FIGURE 8A

DOCSSF1:1082201

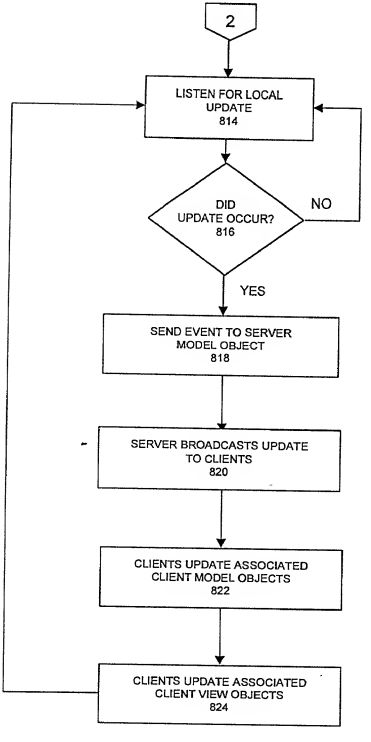


FIGURE 8B

EXPRESS MAIL NO. EV 290171265 US

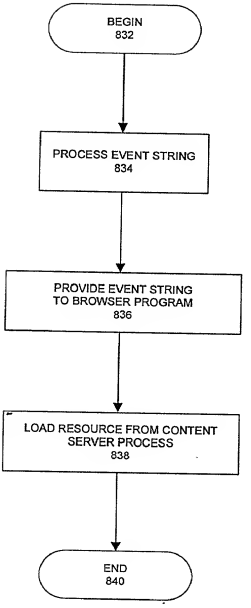


FIGURE 8C

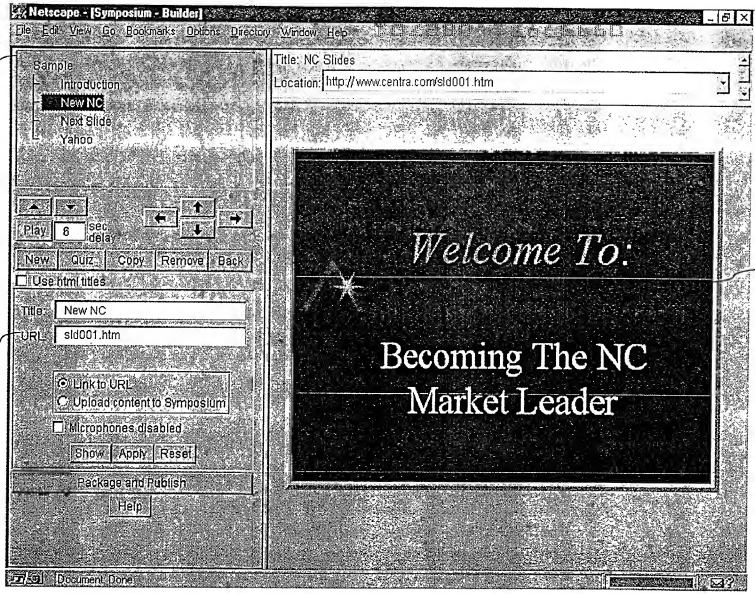

Netscape - [Symposium - Builder]
File Edit View Go Bookmarks Options Directory Window Help
Sample
Introduction
New NC
Next Slide
Yahoo
Play 6 sec. delay
New Quiz Copy Remove Back
Use html titles
Title: New NC
URL: sld001.htm
Link to URL
Upload content to Symposium
Microphones disabled
Show Apply Reset
Package and Publish
Help
Document: Done
Title: NC Slides
Location: http://www.centra.com/sld001.htm
Welcome To:
Becoming The NC Market Leader
BROWSER PROGRAM VIEW 901
COURSE CONTENT FRAME 903
DESIGN WINDOW 902
URL 904
COURSE BUILDER VIEW 900

FIGURE 9A

TO/28D*TE666660

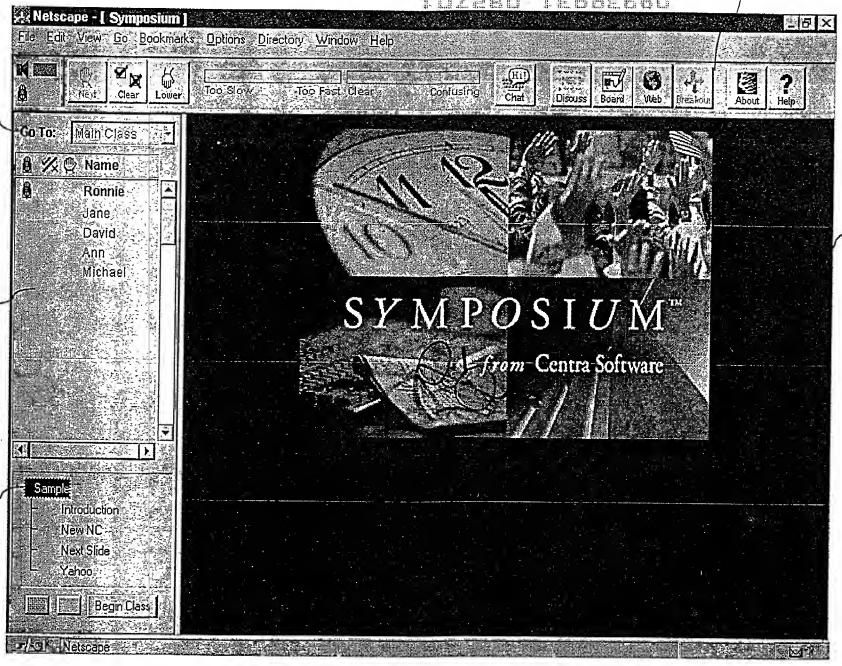


FIGURE 9B

Docket No.: C009887/0003 RJP
Title: Method and System for Synchronizing and Serving Multimedia...
Inventor(s): Hackney et al.